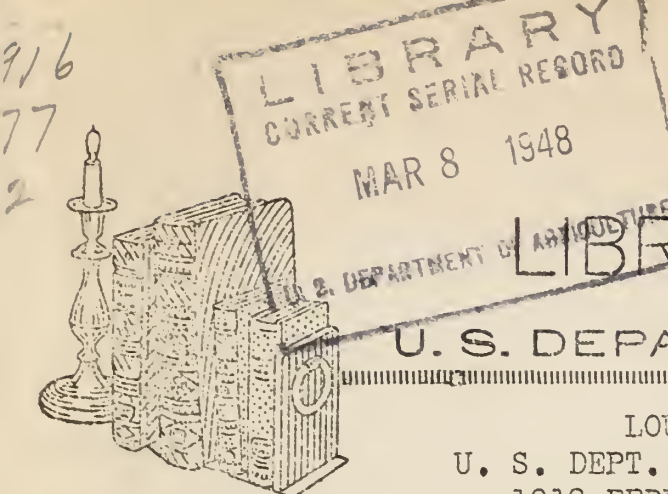


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Vol. 6, No. 8.

February 1948.

"Books are a part of man's prerogative;
In formal ink they thoughts and voices hold."
--Sir Thomas Overbury.

BREAKING NEW GROUND*
By Gifford Pinchot
Comment by Charles A. Connaughton, Director
Southern Forest Experiment Station

Breaking New Ground is a story--a true story--by a master story teller on a fascinating subject. It is "must" reading for anyone interested in the issues of the day and events which shaped them in the immediate past.

This story is an autobiography covering the period of Pinchot's life during which he was engaged primarily in forestry work. But Pinchot and forestry are only backdrops to the main theme of the book, which is the history of American conservation and the men who pioneered this movement.

As USDA employees, you will find inspiration and courage in this story. You will realize new pride in your job by understanding better the ideals and trials of your predecessors. You will comprehend more fully the meaning and value of public service. And you will develop new faith in the part that you and conservation can and do play in the local and national welfare.

*Pinchot, Gifford. BREAKING NEW GROUND. New York, Harcourt, Brace, 1947.
522p. 120 P652

THE GREAT FOREST*
By Richard G. Lillard
Comment by Charles A. Connaughton, Director
Southern Forest Experiment Station

The Great Forest tells how the forest has influenced American settlement and culture and in turn how the forest has been influenced by the events made possible by itself. In telling this story, the author views the forest in the broadest possible sense and correlates and evaluates its multiple values, services, and influences.

Non-foresters will read this book as easily and with as much interest as foresters. Foresters, on the other hand, will not only find new information and facts but

also new interpretations and significance attached to old facts.

*Lillard, Richard C. THE GREAT FOREST. New York, Alfred A. Knopf, 1947.
399p. 99.04 L62

NEW BOOKS

ELEMENTS OF FARM MANAGEMENT, by John A. Hopkins. Prentice-Hall, 1947. 3rd ed.
524p. 281 H77E

In this new edition of Elements of Farm Management, the author has endeavored to take into account the additional information that has become available on labor, feed, and other requirements of crops and livestock and the increasingly prominent place of government intervention and control in agriculture by adding new material and elaborating some of the basic principles.

The book is divided into five parts: General considerations, Organizing the farm - the economic basis, The crop system, The livestock system, Economizing labor and power, Summary of the budget, Current operation of the farm, External relationships of the farm business.

HEAVEN'S TABIELAND, THE DUST BOWL STORY, by Vance Johnson. Farrar, Straus, 1947.
288p. 133 J632

"This is a tale about man's struggle to control a unique, enticing, merciless section of our country known as the Southern Great Plains. It has its setting in the western third of Kansas, the southeastern corner of Colorado and the northeastern corner of New Mexico, the Oklahoma Panhandle, and the plains of Texas--the region of the Dust Bowl. It is a story of hopeful invasions and broken-hearted retreats, which for more than eight centuries now have been the central theme of Southern Plains history. It is about the farmer, and the greatest controlling factor of his existence--the weather." The author's Preface.

HOW TO FILE AND INDEX, by B. M. Weeks. Ronald Press, 1946. Revised printing.
268p. 243.2 W412 1946

A glance at the table of contents gives the best idea of the scope of this book: Modern records organized for use, How to judge a good alphabetic index, How to set up the correspondence file, Routines in preparing papers for file, Rules for alphabetizing, Geographic methods of filing, Lending and safeguarding records, Transfer and final disposition of records, Follow-up systems, Numeric files, How to set up a subject file, Duplex and decimal subject files, Filing printed material, Some department records and government files, Centralized and departmentalized files, Layout of a file room, Planning a card form and visible files, Equipment and supplies, Analyzing files and incentive plans,

NATURE AND PREVENTION OF PLANT DISEASES, by K. S. Chester. Blakiston, 1947.
2nd ed. 525p. 464 C42 Ed.2

In this volume, the author has included the leading diseases of the major crops grown extensively in the United States, has emphasized the recognition of these diseases, and has indicated in some detail the latest generally approved methods of their control. This edition takes up in greater or less detail numerous diseases that were considered briefly or not at all in the first edition. Among these diseases are sugar cane red rot, cabbage yellows, early blight of potato and tomato, tomato leaf mold and leaf spot, potato ring rot and scab, phloem necrosis of elm, and golden nematode of potato.

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SOIL AND CIVILIZATION, by Elyne Mitchell. Angus and Robertson, 1946. 141p.

56.7 M69

This woman of Australia has given us in this volume some charming essays. They portray for us the long stretches of Australian landscape with its soft blues and gray-green hues. They are filled with haunting bits of wisdom, philosophy, and beauty. Strong in them is the feeling of the vital relationship of soil and civilization the world over. I can't resist a few quotations. "The basic cause of erosion is the lack of awareness that the soil is part of mankind--an integral part of the unity which is our bodies and our deeper selves, our thoughts and our inspirations." "Living by the laws of ecological balance is living within the rhythm of life." "There must be such breadth of vision, the understanding of fusion between all living things, and between life and the inanimate environment, if we wish to save this world-wide civilization by halting the forces of disintegration and re-creating it as a living unity."

TRANSACTIONS OF THE TWELTH NORTH AMERICAN WILDLIFE CONFERENCE, edited by Ethel M. Quee. 1947. 632p. 412.9 N814 12th

The subjects considered in the general sessions of the conference were grouped under these headings: Wildlife and the Land. Is Wildfowling the Way Out? Wildlife and Business. Is Wildlife Education Getting Results? The technical sessions dealt with these subject groups: Wildlife of Grasslands and Forests. Inland Fisheries and Fresh-Water Areas. Wildlife and Land-Use Concepts. Wildlife of Farm and Ranch.

USING AND MANAGING SOILS, by A. F. Gustafson. McGraw-Hill, 1948. 420p. 56.7 G97U

"The purpose of this book is to provide present and prospective farmers with basic information and practical suggestions on using and managing soils. It is designed for farmers, those who work small acreages, home gardeners, and students of vocational agriculture. The fundamentals of soil conservation and improvement principles are set forth in such a manner as to make clear to the reader the reasons for the practices discussed in connection with the activities included.

Holding the soil in place against washing and blowing and keeping the soil productive over the years are stressed throughout the volume. The necessity for the return of organic matter, fertilization, crop rotations, the proper handling of sour and alkali soils, and drainage, as well as appropriate tillage at the right time under the right conditions, also receive their full share of attention." From the Preface.

VIRUSES AND VIRUS DISEASES OF PLANTS, by M. T. Cook. Burgess, 1947. 244p. 464.32 C77 1947

This work is intended primarily to give a review of our knowledge of the subject for advanced students in botany and plant pathology. The chapter headings are Introduction, Theories as to causes of virus diseases, Nature and properties of plant viruses, Reactions of host plants to viruses, Transmission of viruses, and Control of virus diseases of plants.

SELECTED BOOKS AND BULLETINS

Agricultural Engineering

"Buying or Building a Home Freezer," by F. E. Price and M. G. Cropsey. Oregon Agr. Expt. Sta. Cir. 171. Dec. 1946. 16p. 100 Or3C

"Grain Sorghum Storage," by C. K. Shedd and H. H. Walkden. USDA Cir. 760. Nov. 1947. 48p. 1 Ag84C 760

"Results of Tests on Vegetated Waterways, and Method of Field Application," by M. B. Cox and V. J. Palmer. Okla. Agr. Expt. Sta. Misc. Pub. Mp-12. Jan. 1948. 43p. 100 Ok4Mp 12

"The Sweet Potato Vine-Row Harvester," by G. W. Giles. N. C. Agr. Expt. Sta. Bul. 358. May 1947. 29p. 100 N81

Fertilizer

"Fertilizer Recommendations for 1948 Oklahoma Crops," by H. J. Harper and others. Okla. Agr. Expt. Sta. Bul. 318. Jan. 1948. 16p. 100 Ok4B 318

"Fertilizer Requirements for Rice on the Soils of the Gulf Coast Prairie of Texas," by E. H. Templin and others. Tex. Agr. Expt. Sta. Progress Report 1104. Jan. 16, 1948. 6p. 100 T31P 1104

Forestry

"Care and Culture of Farm Woodlots," by J. A. Cope. Cornell Ext. Bul. 716. Nov. 1947. 46p. 275.29 N48E

"Control of Low Grade Hardwoods in Shortleaf Loblolly Pine Management," by S. F. Clark and H. L. Williston. Southern For. Expt. Sta. n.d. 3p.

"East Texas Forest Lands," by S. L. Frost. Texas Forest Service. n.d. 7p.

"Pine Gall Rusts." Texas Forest Service. n.d. 5p.

"Fence Post Barking Machines in the South," by M. M. Lehrbas. La. Forestry Commission Bul. No. 3. August 1947. 23p.

"Louisiana Forest Laws," compiled by W. W. Atkins. La. Forestry Commission Bul. No. 2. January 1947. 97p.

"Preliminary Study of Tree Plantations in Oklahoma: Relative Survival by Species, and Factors Affecting Survival," by M. Afanasiev. Okla. Agr. Expt. Sta. Tech. Bul. T-29. Jan. 1948. 27p. 100 Ok4T

"Saw-Log Grades for Hardwoods--Central States Studies." Nov. 1947. Forest Products Laboratory. No. D1699. 22p/ 1.9 F761R

"Tables for Estimating Cubic-Foot Volume of Timber," by Clement Mesavage. Southern For. Expt. Sta. Occasional Paper No. 111. November 1947. 70p. 1.9 F76240

Home Economics

"Considerations in Planning Kitchen Cabinets," by Maud Wilson. Oregon Agr. Expt. Sta. Bul. 445. Nov. 1947. 90p. 100 Or3 445

THE GOOD HOUSEKEEPING HOUSEKEEPING BOOK, by H. W. Kendall, ed. David McKay, 1947. 491p. 321 G59

HOME CANNING MADE EASY, by Miriam Williams. Macmillan, 1943. 122p. 389.3 W672

"Low Cost Food for Health." Visiting Nurse Association of Boston. 1943. 79p. 389.25 C733

"Low Cost Recipes," prepared by Nutrition Committee, Health Service of Federated Agencies of Montreal. 1942. 72p. 389.25 H34 Ed.2.

THE OUTDOORSMAN'S COOKBOOK, by A. H. Carhart. Macmillan, 1944. 211p. 389.25 C192

PLEASE MAKE REQUESTS FOR BOOKS ON FORMS AD-245. RETURN BOOKS ON DATE DUE.

"Patterns for Kitchen Cabinets," by Maud Wilson. Oregon Agr. Expt. Sta. Bul. 446.
Nov. 1947. 94p. 100 Or3 446.

"Personal and Family Values in the Choice of a Home," by V. F. Cutler. Cornell
Agr. Expt. Sta. Bul. 840. Nov. 1947. 107p. 100 143B

"Quick Freezing," by Anne Pierce. Barrows, 1944. 84p. 389.3 P61Q

REVIVE YOUR OLD FURNITURE, by Louise Sloane. Studio, 1943. 84p. 318 SL5

THRIFTY COOKING FOR WARTIME, by A. B. Winn-Smith. Macmillan, 1942. 147p.
389.25 S452

Horticulture

THE FOOD GARDEN, by Edna Blair. Macmillan, 1942. 148p. 91.15 B572

GROW YOUR OWN VEGETABLES, by P. W. Dempsey. Houghton Mifflin, 1944. 220p.
91.15 D39 1944

HOME VEGETABLE GARDENING, by C. H. Nissley. Rutgers, 1942. 246p. 91.15 N63

HOW TO GROW FOOD FOR YOUR FAMILY, by S. R. Ogden. Barnes, 1942. 139p. 91.15
Og2

"Ornamentals for Southwest Texas," by E. Mortensen. Tex. Agr. Expt. Sta. Bul.
695. Oct. 1947. 64p. 100 T31S

"Planting for the Future," by J. H. Harris. N. C. Agr. Ext. Ser. Cir. 305. Dec.
1947. 275.29 N811C 305

THE PRINCIPLES OF VEGETABLE GARDENING, by L. H. Bailey. Macmillan, 1941. 490p.
91 B15P

Insects and Insecticides

"Biology and Control of the Pickleworm," by B. B. Fulton. N. C. Agr. Expt. Sta.
Tech. Bul. 85. Dec. 1947. 27p. 100 N 81T

"Chemical Composition of Sorghum Plants at Various Stages of Growth, and Relation
of Composition to Chinch Bug Injury," by J. E. Webster. Okla. Agr. Expt. Sta.
Tech. Bul. T-30. Feb. 1948. 32p. 100 Ok4T 30

"Comparative Effectiveness of Various Insecticides and Methods for Controlling
Cotton Insects," by C. F. Stiles and F. A. Fenton. Okla. Agr. Expt. Sta.
Cir. C-126. Jan. 1948. 3p. 100 Ok4C 126

INSECT PESTS OF FARM, GARDEN, AND ORCHARD, by L. H. Peairs. Wiley, 1941. 549p.
423 S451

"Miris deolobratatus (Linn.) and Amblytylus nasutus (Kirschbaum): Two Destructive
Insect Pests of Kentucky Bluegrass," by H. H. Jewett and L. H. Townsend.
Ky. Agr. Expt. Sta. Bul. 508. Sept. 1947. 16p. 100 K41B

"New Organic Insecticides for the Control of Cotton Insects," by J. C. Gaines.
Tex. Agr. Expt. Sta. Progress Report 1103. 2p. Jan. 15, 1948. 100 T31P

PEST CONTROL IN THE HOME GARDEN, by Louis Pyenson. Macmillan, 1944. 190p.
423 P99 1945

Poultry

"Homemade Electric Brooders," by Ted Martin and others. Tex. Agr. Col. Ext.
Cir. 195. 1947. 275.29 T312C

"Management of a Pullet Laying Flock," by R. C. Ogle. Cornell 4-H Club Bul. 82.
Sept. 1947. 30p. 275.29 N48

"Poultry Handbook for the Southern States," by D. F. King. Progressive-Farmer, n.d. 68p. 47 K58P

POULTRY PRODUCTION, by W. A. Lippincott and L. E. Card. Lea & Febiger, 1946. 440p. 47 L66

"Processing Poultry," by F. Z. Beamblossom and R. W. Snyder. Tex. Agr. Col. Bul. 149. 1947. 24p. 275.29 T312

Range and Pasture Plants

"Fall, Winter, and Spring Grazing to Save Grain Feed." N. C. Agr. Col. Ext. Cir. 310. August 1947. 3p. 275.29 N811C 310

"Ladino Clover Pastures for Cattle, Poultry, Hogs," by R. L. Lovvorn and S. H. Dobson. N. C. Agr. Col. Ext. Cir. 301. May 1947. 4p. 275.29 N811C 301

NATIVE AMERICAN FORAGE PLANTS, by A. W. Sampson. Wiley, 1924. 435p. 60 Sal4

"Nutritional Qualities of Range Forage Plants in Relation to Grazing With Beef Cattle on the Southern Plains Experimental Range," by D. A. Savage and V. G. Heller. USDA Tech. Bul. 943. Dec. 1947. 61p. 1 Ag84Te 943

Reports

"Report of the Secretary of Agriculture, 1947." 152p. 1. Ag84

"Report of the President of the Commodity Credit Corporation, 1947." 11p. 1 Ag84

"Report of Cooperative Extension Work in Agriculture and Home Economics, 1947." 51p.

"Report of the Manager of the Federal Crop Insurance Corporation, 1947." 44p.

Report of the Director of Finance, 1947." 58p.

"Report of the Administrator of the Production and Marketing Administration, 1947.

"Report of the Administrator of the Rural Electrification Administration, 1947."

"Report of the Chief of the Soil Conservation Service, 1947." 63p.

Soil Conservation

"Research Summaries, Part VI," by J. H. Stallings. Soil Conservation Service. August 1947. 117p. 1.96 R31Rs VI

"Sod Field Waterways," by J. F. Doggett. N. C. Agr. Col. Ext. Cir. 303. Sept. 1947. 275.29 N811C 303

Soils

"Nitrification Capacities of Texas Soil Types and Factors which Affect Nitrification," by G. S. Fraps and A. J. Sterges. Tex. Agr. Expt. Sta. Bul. 693. Sept. 1947. 60p. 100 T31S

"Reclamation and Use of Alkali Soils," by W. L. Powers. Oregon Agr. Expt. Sta. Tech. Bul. 10. 31p. 100 Or3T

"Soil Reaction and Availability of Plant Nutrients," by H. J. Harper. Okla. Agr. Expt. Sta. Bul. 315. Nov. 1947. 11p. 100 Ok4B

Weed and Brush Control

"Progress Report of Chemicals for Brush Control," by H. M. Elwell. Okla. Agr. Expt. Sta. Mimeo. Cir. 172. Jan. 1948. 10p. 100 Ok4M 12

"Recommendations for Weed Spraying Equipment," by F. E. Price and others. Oregon Agr. Expt. Sta. Cir. 170. Aug. 1946. 20p. 100 Or3C 170

